

species in the Jour. of Conch., ix, pp. 244-246, Oct., 1899, was reviewed in the NAUTILUS, xiv, p. 34. Dr. Dall states that this part carries the text so far that it seems certain that another part will conclude the work.

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#### NOTICES OF SOME NEW JAPANESE LAND SNAILS.

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BY H. A. PILSBRY.

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A recent sending from Mr. Y. Hirase, of Kyoto, Japan, contained a number of novelties, some of which are briefly diagnosed below. Illustrations will follow later.

*Eulota (Aegista) mimula* n. sp. Shell thin, openly umbilicate, depressed, with low-conic spire; brown, lustreless, rather weakly striate, and bearing sparse cuticular processes, like short, prostrate and aduate hairs. Whorls  $5\frac{1}{2}$ , convex, the last a trifle angulated in front, slightly descending to the aperture, rounded beneath. Aperture oblique, subcircular, the peristome whitish, narrowly expanded, subreflexed below, scarcely thickened, the margins approaching. Alt. 5.5, diam. 9 mm. Kyoto.

Much like a miniature *E. aperta*, but the spire is somewhat higher, the umbilicus rather less open, the striation less strong, and the peristome not thickened within.

*Trishoplita cretacea* var. *bipartita* n. v. Somewhat smaller than *T. cretacea*, with conic spire, whitish above, brown or copiously streaked with brown below, a brown line ascending the spire bordering the suture above; surface striate and rather indistinctly granulate by the decussation of fine spirals. Aperture very oblique, rounded oval. Alt. 9, diam. 14.5 mm.; alt. 9.5 diam. 12.5 mm. Toyonishikami, Nagato.

In *T. cretacea* the minute granules are irregularly scattered, not produced by decussation as in this variety. In specimens from Ushirogawa, Tosa, Shikoku Island, which I refer to *T. cretacea* as a variety, the sculpture is also decussate, though very indistinctly so. *T. cretacea* v. *bipartita* reminds one somewhat of *Helicella pyramidata*, from the form of the spire.

*Eulota (Platotropis) elegantissima* var. *cara* n. v. Larger than *E. elegantissima*, more depressed, with wider umbilicus and more rapidly widening last whorl. Alt. 10, diam. 29; alt. 7, diam.  $20\frac{1}{2}$  mm. Loochoo Is.

*Clausilia euholostoma* n. sp. An exceedingly peculiar *Euphædusa*. The shell is very small, alt. 7.6, diam. 2.4 mm., with broadly oval (not in the least pyriform) aperture, continuous white peristome, and only a single lamella, the inferior, developed. This lamella is shaped as in *Cl. monelasmus* Pils. The principal plica and the lamella spiralis are extremely short and lateral in position; short upper and lower palatal plicæ are developed. There are about  $7\frac{1}{2}$  whorls, the surface densely striated. The clausilium is Euphædusoid. Hab., Mikuriya, prov. Suruga (No. 563 of Mr. Hirase's register).

*Clausilia japonica* var. *interplicata* n. v. A dark colored, glossy variety, with several palatal plicæ developed between the usual upper and lower palatals of typical *C. japonica*. Nishigo, Uzen (No. 403 of Mr. Hirase's register). Other specimens from Takeya, Izumo, are less glossy, and irregular in the development of the "interpalatal" folds.

The following species belong to the section *Hemiphædusa*:

*Clausilia perpallida* n. sp. General form of *C. aurantiaca* var. *erberi*; pale corneous, finely striate. Superior lamella moderate, inferior receding, subcolumellar deeply immersed; closing apparatus lateral, the principal plica long, upper palatal well developed, a low, broad, nodule-like lunella below but not joining it; no lower palatal fold. Length 11.5, diam. 2.5 mm. Nishigo, Uzen (460 b of Mr. Hirase's register).

*Clausilia harimensis* n. sp. Similar to *C. aurantiaca* or a little more slender, but with the weakly developed peristome of *C. awajensis*, the lunella and closing apparatus generally being similar to that species, and lateral, not ventral as in *C. aurantiaca*. Whorls about 10; color greenish-brown, when unworn. Length 11.5, diam. 2.7 mm. Kashima, Harima. Types no. 79133 coll. A. N. S. (306 a of Mr. Hirase's register).

*Clausilia hokkaidoensis* n. sp. About the size and general form of *C. monelasmus*, with which it occurred. Whorls about 10, the last two striate. General characters of the aperture as in *C. subaurantiaca*, the subcolumellar lamella deeply immersed, closing apparatus lateral, the upper palatal fold well developed, not connected with the straight low lunella; no lower palatal fold. Much smaller than the allied *C. subaurantiaca*. Length 11, diam. 2.5 mm. Kayabe, Ojima, Hokkaido I. Types no. 79321 coll. A. N. S. (546 b of Hirase's register).

*Clausilia iotaptyx* var. *clara* n. v. General form of *Cl. iotaptyx*, the spire being abnormally thick above, though attenuated for half the length of the shell. Whorls 12, the last with a crest or ridge behind the peristome. Superior lamella moderate, inferior receding, not visible in a front view, subcolumellar emerging. Principal plica long, upper and lower palatal plicæ developed, a rudimentary lunella between them, not connected with the upper plica. Length 12.5, diam. 2.8 mm. Senzan, Awaji Island.